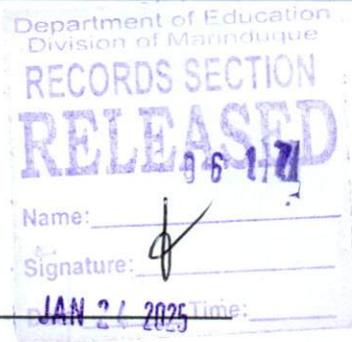




Republic of the Philippines
Department of Education
SCHOOLS DIVISION OF MARINDUQUE



Office of the Schools Division Superintendent

Division Advisory
January 23, 2025

In compliance with DepEd Order (DO) No. 8, s. 2013 titled Policy Guidelines on Regulating the Issuance of DepEd Advisories, this Advisory is issued not for endorsement per DO 28, s. 2001, but only for information of DepEd officials, personnel/staff, as well as the concerned public.

23RD REGIONAL CHEMISTRY OLYMPIAD

Please find attached letter from the UPLB Chemical Kinetics Society dated January 21, 2025 encouraging the participation of schools at their 23rd Regional Chemistry Olympiad with the theme: NanoQuest: Journey into the Chemistry of the Infinitely Small” on January 25, 2025.

Participation of public and private schools in this activity will be on **VOLUNTARY BASIS** and shall observe the **no-disruption-of classes policy** as stipulated in DepEd Order No. 9, s. 2005 titled “*Instituting Measures to Increase Time-on-Task and Ensuring Compliance Therewith.*”

For information and dissemination.

LYNN G. MENDOZA, EdD
OIC-Schools Division Superintendent

*“DepEd Marinduque: Heart of the Philippines.
Lead to Excel. Excel to Lead.”*



Malusak, Boac, Marinduque
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Brgy. Batong Malake, Los Baños, Laguna 4030

ESSAY WRITING OFFICIAL MECHANICS

I. General Guidelines

- Each school can have a **maximum of two (2)** participants.
- There will be a registration fee of **Php 400.00 for each participant** of the said event.
- All **ESSAY WRITING** entries shall be done on the spot and must be written in **English**. The specific topic shall be given during the actual regional competition. The proctors will also provide fact sheets relevant to the given topic.
- The competition commences as soon as the specific topic is given. Participants will be given **two hours** to finish their work. The participants will be informed **fifteen (15) minutes** prior to the end of the competition to finish their essays. All entries will be collected thereafter, whether finished or not.
- Participants are **NOT allowed** to use mobile phones, or any other electronic device during the contest proper. Scratch paper will be provided.
- Participants only have a **maximum of two (2) papers** each as their official sheet.
- All essays must be written on the official sheets provided by the proctors. Only **black ink** is allowed. For erasure concerns, participants can bring correction tape.
- Each contestant must write the registry number given to them on the upper left-most part of the official sheet. The name of the participant and school **shall NOT be written** on the paper. Otherwise, it would be grounds for disqualification.
- There will be **three (3) judges** for the event. Entries will be judged individually by the members of the board of judges. The winner will be awarded based on the average scores given by each judge. The decision of the board of judges is final and irrevocable. The criteria for judging are as follows:

Criteria	Corresponding Percentage
Content <i>(Clarity of the message is presented through the output)</i>	40%
Relevance to the Theme <i>(Connection of essay to the theme is observed)</i>	30%
References <i>(Knowledge about the topic prior to the fact)</i>	15%



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<i>sheet is observed)</i>	
Writing Mechanics <i>(Correct use of grammar, punctuation, and capitalization is remarkable)</i>	15%
TOTAL	100%

II. Awarding

- The winners will be announced at the awarding ceremony. The winning entries will be published in the official publication of the UPLB Chemical Kinetics Society. The winners will also receive the following prizes:

Placement	Prize
1st Place	Php 2,000.00 + medal + certificate
2nd Place	Php 1,500.00 + medal + certificate
3rd Place	Php 1,000.00 + medal + certificate

Guidelines and mechanics are subject to change. Participants and coaches will be promptly notified for any modifications before the contest.



EXECUTIVE COMMITTEE

AY 2024-2025

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Auditor

ADVISERS

Asst. Prof. Bethel Faith Y. Rezaga RCh, MSc.
Non-Affiliated Faculty Adviser

Mr. Genne Patt O. Samar, RCh
Affiliated Faculty Adviser

DEPARTMENT OF EDUCATION
SDO Marinduque
RECORDS - SECTION

JAN 21 2025
2025

UPLB Chemical Kinetics Society

Institute of Chemistry, College of Arts and Sciences, University of the Philippines Los Baños

January 21, 2025

Lynn G. Mendoza
OIC-Superintendent
Department of Education
Marinduque Division

Dear Hon. Mendoza

Greetings!

The **UPLB Chemical Kinetics Society (UPLB CHEMA)** is a duly recognized academic organization in the University of the Philippines Los Baños. For 32 years, the organization has remained devoted to their constituents in the pursuit of the development of the Philippine society through the application of chemistry and other related fields.

On **January 25 2025**, the organization, in coordination with the **Kapisanang Kimika ng Pilipinas–Southern Tagalog Chapter, Inc. (KKP-ST Inc.)** and in partnership with **Institute of Chemistry, UPLB (IC-UPLB)**, once again will host the **23rd Regional Chemistry Olympiad** with the theme **“NanoQuest: Journey into the Chemistry of the Infinitely Small.”** The event serves as the avenue for the selection of brightest representatives from Region IV-A and IV-B to the upcoming Philippine National Chemistry Olympiad (PNCO). Additionally, the event will also host two contest subevents namely: the **14th Regional Essay Writing Contest**, and **21st Regional CHEM-in-Hue** - a poster making contest. The organization will also host a **Symposium** and an **Exhibit** to further raise awareness on nanochemistry and nanotechnology.

The Organization is committed to advancing the pursuit of chemistry and igniting enthusiasm for the sciences to the Filipino people. Hence, the UPLB Chemical Kinetics Society proudly hosts the Regional Chemistry Olympiad events without hesitation. The goals of these events are to foster collaboration among schools in the region, to promote chemistry mainly to students and teachers, and generally to the Filipino people, and to nurture the enthusiasm of young chemists in the country.

f /UPLBChemokinesis
@uplbchemo1992
uplbchemo1992@gmail.com



UPLB Chemical Kinetics Society

Institute of Chemistry, College of Arts and Sciences, University of the Philippines Los Baños

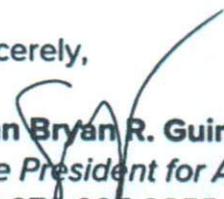
With this, the UPLB Chemical Kinetics Society is requesting your good office to help widen the reach of the said event through a Department of Education (DepEd) Advisory to advocate the participation for the 23rd Regional Chemistry Olympiad of schools in your division. The said advisory would help in informing the division's constituent high schools and encourage them to participate in the event.

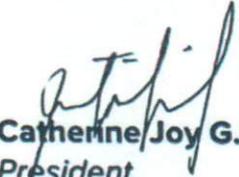
The whole event will take place in the Physical Sciences Building at the University of the Philippines Los Baños in Los Baños, Laguna.

If you have further questions or clarifications, please do not hesitate to contact us through our official email, uplbchemo1992@gmail.com or education committee email. ecc.uplbcks@gmail.com. You may also contact the Vice President for Academics or the President for immediate response.

We are looking forward to your positive response. Thank you!

Sincerely,


John Bryan R. Guingab
Vice President for Academics
+63 978 025 9255
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Catherine Joy G. Santisidad
President
+63 966 211 4415
cgsantisidad@up.edu.ph

Noted by:


Asst. Prof. Bethel Faith Y. Rezaga
Non-Affiliated Faculty Adviser, UPLB CHEMO


Mr. Genne Patt O. Samar
Affiliated Faculty Adviser, UPLB CHEMO


Ms. Judy Kristel V. Bayalas
Head of Regional Coordinator Committee for Region IV
Philippine National Chemistry Olympiad

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UPLB Chemical Kinetics Society

In cooperation with

Kapisanang Kimika ng Pilipinas - Southern Tagalog, Inc.

And in partnership with

Institute of Chemistry - UPLB

23rd REGIONAL CHEMISTRY OLYMPIAD

OFFICIAL MECHANICS

I. General Guidelines

- The **23rd Regional Chemistry Olympiad** is an event open to all Department of Education-accredited private and public high schools in **Region IV-A (CALABARZON)** and **Region IV-B (MIMAROPA)**. It will be held in various rooms at the **Physical Sciences Building, University of the Philippines Los Baños, Laguna** on **January 25, 2025 at 7:00 AM**.
- Each school shall send a delegation of at most **seven (7) participants**:
 - Maximum of three (3) participants for the Philippine National Chemistry Olympiad (PNCO) Regional Eliminations for Region IV;
 - Maximum of two (2) participants for the Chem-in-Hue; and
 - Maximum of two (2) participants for the Essay Writing.
- A maximum of two (2) coaches are allowed to accompany the students.
- Each participant will be graded individually in their respective contests.
- Participants must be in their respective school uniforms with their school ID for the duration of the contest.
- Participants may register through the link (bit.ly/23rdRCORegForm).
 - The **deadline of registration** is on **January 24, 2025 Saturday 11:59 pm**.
 - The form will ask for the participants' and coaches' Facebook link. A Facebook group will be made for the announcements regarding the event.
- A registration fee per participant shall be paid upon registration.
 - The **payment** may be settled **before or on the day of the event**. Failure to do so will result in the disqualification of the participant.
- The Symposium and PNCO Eliminations Final Round events will be livestreamed on Facebook via the UPLB Chemical Kinetics Society page (<https://www.facebook.com/UPLBChemokinesis>).



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PHILIPPINE NATIONAL CHEMISTRY OLYMPIAD ELIMINATIONS (REGION IV) OFFICIAL MECHANICS

I. General Guidelines

- The **23rd Regional Chemistry Olympiad: PNCO Eliminations** will include **three (3) components**: the **written**, **practical**, and the **final round**, which is in the form of a quiz contest.
- Each school can have a maximum of **three (3) participants** for the said event. Student representatives for the PNCO - Region IV Eliminations must be **enrolled as high school students** during both the Regional and National competitions and cannot be college students during the **International Chemistry Olympiad (IChO) 2025**.
- There will be a registration fee of **Php 450.00 for each participant** of the said event.

A. Qualification Round

- The qualification round will be in the form of a written exam. The **written exam** comprises 50 questions which is worth a **total of 50 points**. This must be completed within **90 minutes**.
- Participants will be **seated in the assigned room** and provided with a copy of the questionnaire. Proctors will explain the rules outlined in the questionnaire.
- Participants are **prohibited from sharing any materials**. Any questions must be directed to the proctors only.
- **All contestants are required to take the written exam**. Latecomers may still participate as long as the exam period is ongoing, but they will only have the remaining time to complete their answers. All exam papers will be distributed and collected at the same time.
- Once the exam has started, participants cannot leave the room for any reason, including restroom breaks. They may only exit after all the participant has submitted their answer sheets which cannot be retrieved once turned in.
- The **top 20 individual scorers** will qualify for the **Practical Examination and Final Round**.



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- In the event of a **tie in the final scores**, it will be resolved through tie-breaker questions, each worth 1 point. This tie-breaker round will take place just **before announcing the top 20 scorers**. It will resemble a quiz contest using a whiteboard (or bond paper) and markers. The first participant to score a point will be declared the winner. If both answer correctly or incorrectly, a new question will be posed, and this process will continue until a winner is identified.
- **Any form of cheating** will result in **immediate disqualification**.

B. Practical Round

- The **top 20 students from the written exam** will undergo the **practical examination**. The exam will focus on fundamental chemistry laboratory techniques, procedures, and setups, such as titration, distillation, and extraction, **thus the use of laboratory gown is required and must be brought by the participants**.
- A **moving system** will be implemented, composed of **twenty (20) stations**, with each station allotting **90 seconds for completion**.
- For questions requiring explanations, responses should be **limited to a maximum of three (3) sentences**.
- In calculations, the **final answers must be circled or boxed**, and contestants must present their answers with the **correct number of significant figures and appropriate units**.
- The **scoring system** for skill-based stations is as follows:
 - 3 points:** Perfect (Proper lab techniques, glassware returned)
 - 2 points:** Good (Proper lab techniques, glassware not returned)
 - 1 point:** Fair (Incorrect lab techniques)
 - 0 points:** Poor (No knowledge of lab techniques, no performance)
- **Twenty percent (20%)** of the final score from the Practical Examination will be used to determine the winners of the Quiz Contest.

C. Quiz Contest

- The final round will be open to the top 20 individual scorers from the qualification round. This round will cover the following topics: **Biochemistry**,



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Inorganic Chemistry, Organic Chemistry, Physical Chemistry, and Analytical Chemistry.

- This round is divided into three categories: **Easy, Average, and Difficult.** The scoring system for each category will be as follows:

Quantity	Round	Points
10	Easy	2
10	Average	3
10	Difficult	5

- The questions will be displayed on a screen as the quizmaster reads them aloud. Time limits will be provided before each question is presented. The question types will include **multiple choice, identification, and problem-solving.** Contestants should bring their **own scientific, non-programmable calculator.** Correct significant figures must be used in problem-solving when applicable.
- All answers must be recorded on the **provided answer sheets.** The students should stop writing after the time limit and raise their answer sheet once cue is given. **Final answers should be circled or boxed;** failing to do so will be considered as submitting no answer. Each student will be assigned one proctor to ensure that the guidelines in answering are followed. Failure to abide by the guidelines will result in no answer.
- In the event of a tie, a **tie-breaker round will take place.** This round will consist of **clincher questions,** each worth **1 point,** and will follow the same format as the final round. The first participant to score 1 point will be declared the winner. If both participants answer correctly or incorrectly, another question will be asked, and this process will continue until a winner is determined.
- Participants are advised **not to erase their answers** if they have questions or need clarifications. The judges' decisions will be final and unchangeable.
- The contestant's score will be calculated by taking **20% of the Practical Examination** score and **80% of the Final Round** score.



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II. Awarding

- Once the final scores of the contestants are compiled, the top five scorers will be recognized as **4th Runner Up, 3rd Runner Up, 2nd Runner Up, 1st Runner Up, and Champion**. They will receive the following prizes:

Place	Prize
Champion	PHP 4,500 + medal + certificate
1st Runner Up	PHP 3,000 + medal + certificate
2nd Runner Up	PHP 2,000 + medal + certificate
3rd Runner Up	PHP 1,500 + medal + certificate
4th Runner Up	PHP 1000 + medal + certificate

- The **top five individual scorers** will also serve as the **official delegates representing Region IV at the Philippine National Chemistry Olympiad**.

Guidelines and mechanics are subject to change. Participants and coaches will be promptly notified for any modifications before the contest.



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CHEM-IN-HUE OFFICIAL MECHANICS

I. General Guidelines

- Each school can have a **maximum of two (2)** participants.
- There will be a registration fee of **Php 400.00 for each participant** of the said event.
- CHEM-IN-HUE is an on the spot poster-making contest for **two hours and 30 minutes (2hr, 30mins)**. Late contestants can still participate, but they can only work with the remaining time after they arrive.
- Posters will be created on a **one-fourth (¼) illustration board** which will be provided by the UPLB Chemical Kinetics Society. The contestants should bring their own drawing and coloring materials. There is no limit on the number of colors.
- Contestants should only use **dry media**, such as oil pastel, colored pencil, and crayons. **Wet media is strictly prohibited**, such as watercolor, gouache, acrylic paint, poster paint, and oil paint. Nothing should be glued on the board.
- Either side of the board can be used. The orientation should be in **portrait**. The theme will be revealed on the day of the contest proper. The contestants should work on their own and neither with their coaches nor by pairs.
- Each entry will be evaluated by the members of the board of judges. The winner will be awarded based on the **average scores**. The decision is irrevocable. The criteria for judging are as follows:

Criteria	Corresponding Percentage
Content <i>(Clarity of the message is presented.)</i>	35%
Creativity <i>(Incorporation of ideas and artistic expression is observed.)</i>	20%
Visual Impact <i>(Overall impression is remarkable.)</i>	15%
Originality <i>(Uniqueness is observed.)</i>	15%
Relevance to the Theme <i>(Integration of the visual elements and overall look to the theme is observed.)</i>	15%



SYMPOSIUM GENERAL GUIDELINES

I. General Guidelines

- The symposium is a free and open-to-all event for the 23rd Regional Chemistry Olympiad. It will also be livestreamed on the Facebook page of UPLB Chemical Kinetics Society. The symposium will also serve as supplementary material for students who will be participating in the Chem-in-Hue or Essay Writing Event.
- The symposium will be held after the opening ceremony at the PSLH-A room. However, contestants for the PNCO Regional Eliminations will not be able to watch as both the Symposium and the Qualification Round will take place simultaneously.
- The registration link will be followed up in the Facebook page of UPLB CHEMO and in the group page.

Important Dates

Activity	Date	Time
Deadline of Registration	January 24, 2025	11:59 PM
Event Proper	January 25, 2025	7:00 AM - 5:00 PM

Contact Details

Key Persons	Email Account	Contact Number
John Bryan R. Guingab 23rd RCO Event Head UPLB CHEMO VP for Academics	ecc.uplbcks@gmail.com	09760259255
Catherine Joy G. Santisidad UPLB CHEMO President	uplbchemo1992@gmail.com	09662114415

The guidelines presented above are subject to minor changes. We will promptly inform you of any changes made for the guidelines and/or mechanics.



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Total	100%
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II. Awarding

- Winners will be announced at the **awarding ceremony**. The winning entry will be published in the official publication of the UPLB Chemical Kinetics Society. All winners will receive the following prizes based on their placement:

Placement	Prize
1st Place	Php 2,000.00 + medal + certificate
2nd Place	Php 1,500.00 + medal + certificate
3rd Place	Php 1,000.00 + medal + certificate

- Any forms of misconduct and plagiarism are grounds for **disqualification**. Bringing of sketches prior to the contest proper is prohibited.

Guidelines and mechanics are subject to change. Participants and coaches will be promptly notified for any modifications before the contest.